Sheet 1 of 18 100 801 110 114 112 **Application** Partner Offerings **Custom Applications** Services Catalog ... Wanagamant Dyramic Pricing Order Logistics Management Business Work Flow Server 104 Process and Dynamic Flexible Process Modeling Process Execution Workflow Configurable Prantis Monitoring Collaboration Collaboration Server
Trading Partner Profile Maragement
Collaboration Management <u>110</u> Infrastructure Authentication and Authorization Trading Partner Integration Transport (HTTP, EDI) E-Market Administration Routing and Filtering Business Protocol Support Web Application server 102 Application Transaction Component Lifecycle Threading Relieuility Availability Persistence State Maragement Infrastructure Security FIG. 1 Supplier Mainframe 122 Manufacturer (Collaboration Hub)

Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC..

Agent:

Phone:

Inventor(s): Rocky Stewart, et al.

Karl Kenna

Express Mail No.: ÉL622695252US

(415) 362-3800

120

Docket No.: BEAS-01033US4

Confirm No: Unknown

Unknown

Herewith

Serial No.:

Filed:

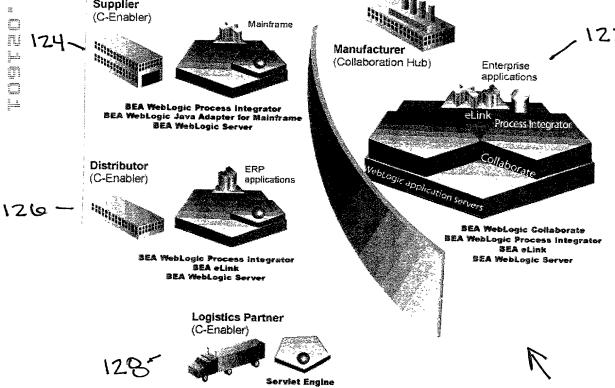


FIG. Z

Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC..

Docket No.: BEAS-01033US4 Inventor(s): Rocky Stewart, et al.

Serial No.: Unknown Agent: Karl Kenna

Confirm No: Unknown Phone: (415) 362-3800

Filed: Herewith Express Mail No.: EL622695252US

Sheet 2 of 18

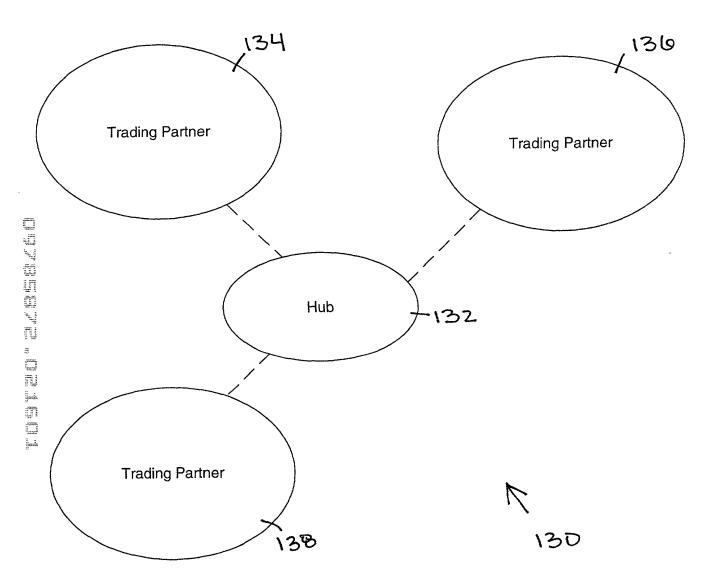


FIG. 3

Herewith Filed:

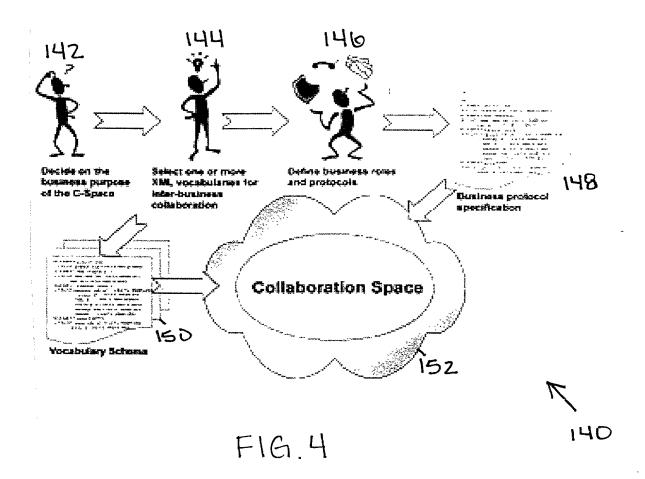
Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC..

Docket No.: BEAS-01033US4 Inventor(s): Rocky Stewart, et al.

Serial No.: Unknown Agent: Karl Kennac

Confirm No: Unknown Phone: (415) 362-3800

Flower Market niventor(s): Rocky Stewart, et al.
Agent: Karl Kenna
Phone: (415) 362-3800
Express Mail No.: EL622695252US
Sheet 3 of 18



Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC..

Docket No.: BEAS-01033US4 Inventor(s): Rocky Stewart, et al.

Serial No.: Unknown Agent: Karl Kenna

Herewith

Confirm No: Unknown

Agent: Karl Kenna
Phone: (415) 362-3800
Express Mail No.: EL622695252US
Sheet 4 of 18

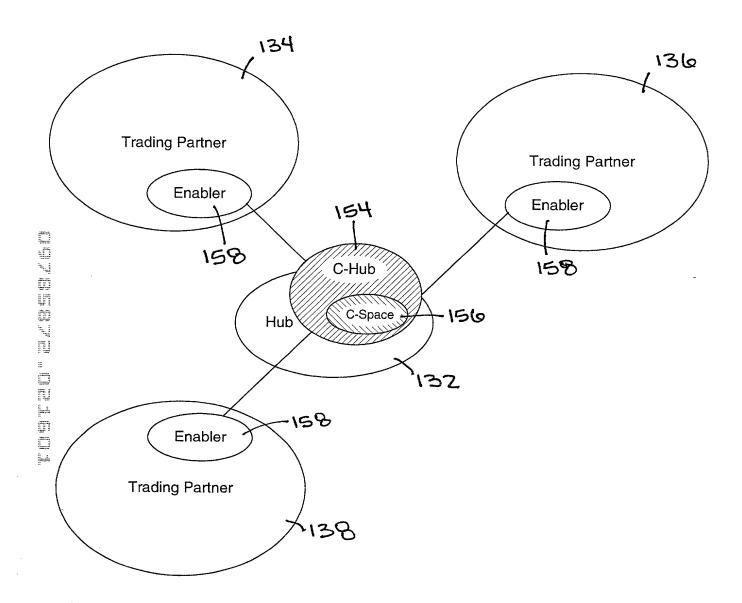


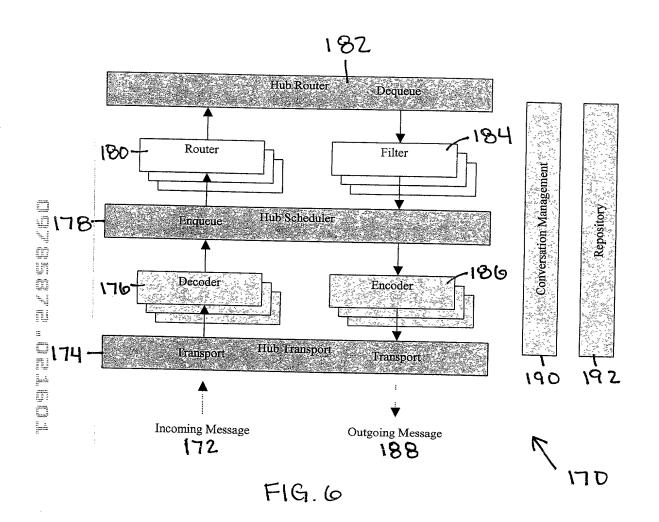
FIG. 5

Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC.. Docket No.: BEAS-01033US4 Inventor(s): Rocky Stewart, et al.

Serial No.: Unknown
Confirm No. Unknown
Filed: Herewith

Inventor(s): Rocky Stewart, et al.
Agent: Karl Kenna
Phone: (415) 362-3800
Express Mail No.: EL622695252US

Sheet 5 of 18



Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC..

Docket No.: BEAS-01033US4 Inventor(s): Rocky Stewart, et al.

Serial No.: Unknown Agent: Karl Kenna

Confirm No: Unknown Phone: (415) 362-3800
Filed: Herewith Express Mail No.: EL622695252US

Sheet 6 of 18

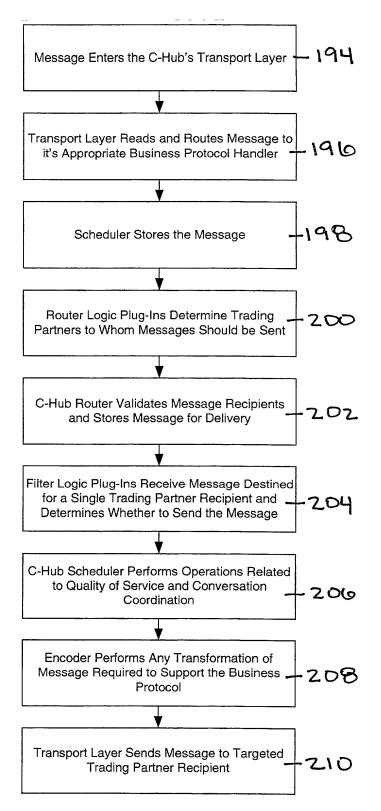


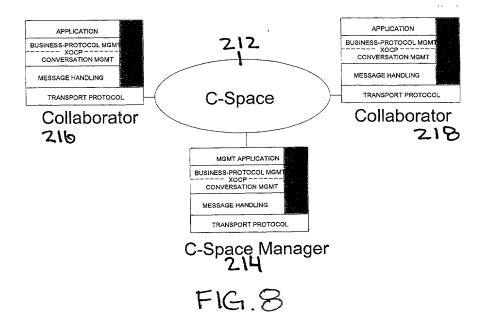
FIG. 7

 $Title: PLUGGABLE\, HUB\, SYSTEM\, FOR\, ENTERPRISE\, WIDE\, ELECTRONIC..$

Docket No.: BEAS-01033US4

Serial No.: Unknown Confirm No: Unknown Filed: Herewith

Inventor(s): Rocky Stewart, et al. Agent: Karl Kenna (415) 362-3800 Phone: Express Mail No.: EL622695252US Sheet 7 of 18



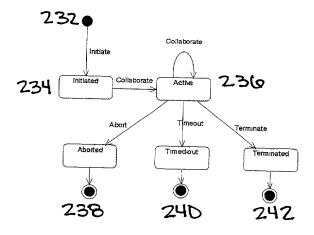


FIG. 9

Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC.. Docket No.: BEAS-01033US4 Inventor(s): Rocky Stewart, et al.

Inventor(s): Rocky Stewart, et al. Agent: Karl Kenna

Serial No.: Unknown

Confirm No: Unknown Filed: Herewith Agent: Karl Kenna
Phone: (415) 362-3800
Express Mail No.: EL622695252US
Sheet 8 of 18

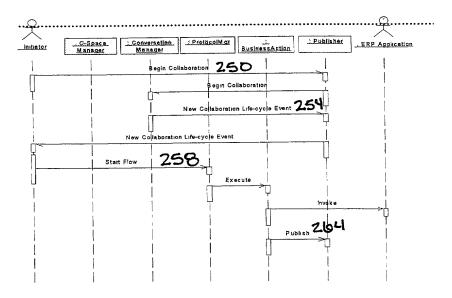


FIG. 10

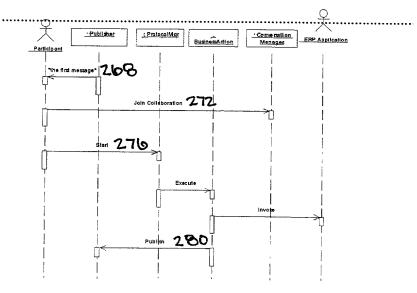


FIG.II

Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC..

Docket No.: BEAS-01033US4 Inventor(s): Rocky Stewart, et al.

Serial No.: Unknown Confirm No: Unknown Filed: Herewith

Agent: Karl Kenna Phone: (415) 362-3800 Express Mail No.: EL622695252US Sheet 9 of 18

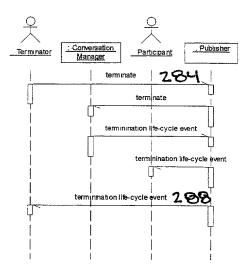


FIG. 12

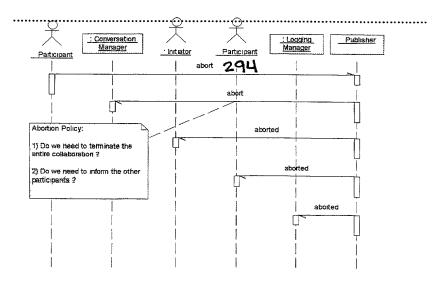


FIG. 13

Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC.. Inventor(s): Rocky Stewart, et al.

Docket No.: BEAS-01033US4 Serial No.: Unknown Confirm No: Unknown Herewith Filed:

Agent: Karl Kenna
Phone: (415) 362-3800
Express Mail No.: EL622695252US
Sheet 10 of 18

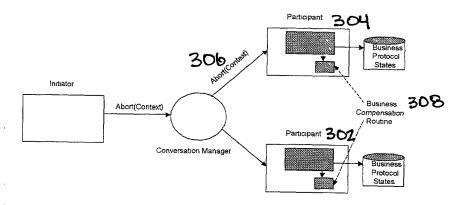


FIG. 14

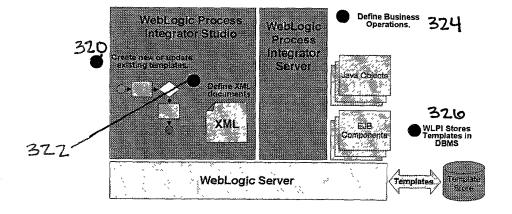


FIG. 15

Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC..

Docket No. BEAS-01033US4 Inventor(s): Rocky Stewart, et al.

Docket No.: BEAS-010 Serial No.: Unknown Confirm No: Unknown Filed: Herewith Inventor(s): Rocky Stewart, et al. Agent: Karl Kenna Phone: (415) 362-3800 Express Mail No.: EL622695252US

Sheet 11 of 18

330

Applications Start Workflow Instances and Execute Tasks

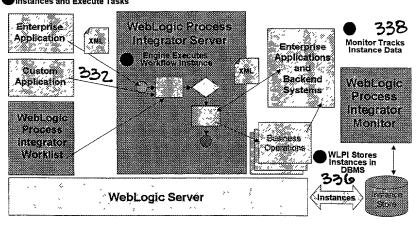


FIG. 10

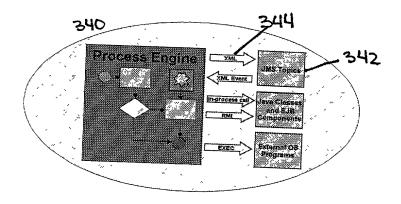


FIG. 17

Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC..

Docket No.: BEAS-01033US4 Inventor(s): Rocky Stewart, et al.

Serial No.: Unknown Agent: Karl Kenna

Confirm No: Unknown Phone: (415) 362-3800

Filed: Herewith Express Mail No.: EL622695252US

Sheet 12 of 18

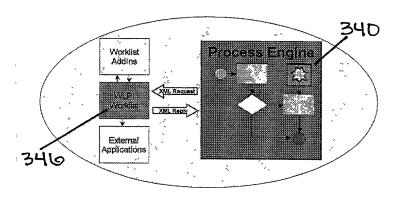


FIG. 18

Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC..

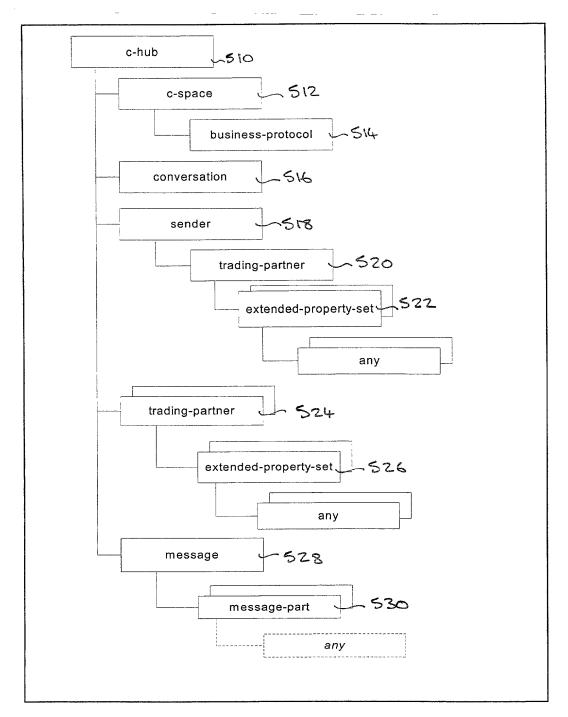
Docket No.: BEAS-01033US4 Inventor(s): Rocky Stewart, et al.

Serial No.: Unknown Agent: Karl Kenna

Confirm No: Unknown Phone: (415) 362-3800

Filed: Express Mail No.: EL622695252US

Sheet 13 of 18



F1G.19

Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC..
Docket No.: BEAS-01033US4 Inventor(s): Rocky Stewart, et al.

Serial No.: Unknown Confirm No: Unknown

Filed:

Unknown Herewith

Inventor(s): Rocky Stewart, et al.
Agent: Karl Kenna
Phone: (415) 362-3800
Express Mail No.: EL622695252US

Sheet 14 of 18

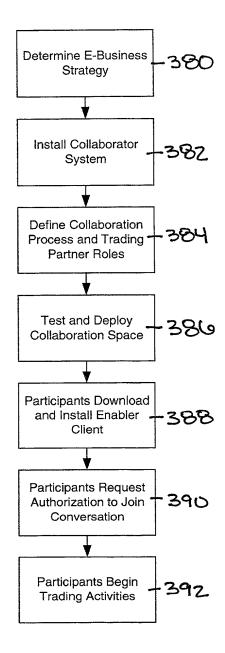


FIG. 20

Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC..
Docket No.: BEAS-01033US4 Inventor(s): Rocky Stewart, et al.

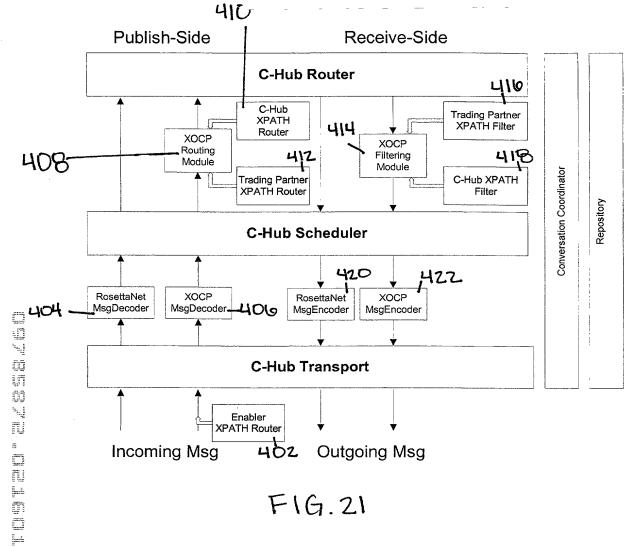
Serial No.: Unknown Confirm No: Unknown

Herewith

Filed:

Agent: Karl Kenna Phone: (415) 362-3800 Express Mail No.: EL622695252US

Sheet 15 of 18



F1G.21

Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC..

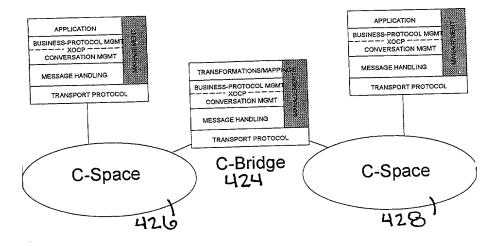
Docket No.: BEAS-01033US4 Inventor(s): Rocky Stewart, et al

Serial No.: Unknown Agent: Karl Kenna

Confirm No: Unknown Phone: (415) 362-3800

Filed: Herewith Express Mail No.: EL622695252US

Sheet 16 of 18



F1G. 22

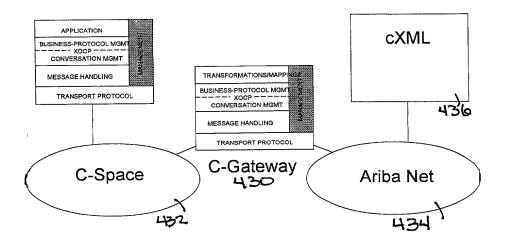


FIG. 23

Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC..

Docket No.: BEAS-01033US4 Inventor(s): Rocky Stewart, et al.

Serial No.: Unknown Agent: Karl Kenna
Confirm No: Unknown Phone: (415) 362-3800

Filed: Herewith

Phone: (415) 362-3800 Express Mail No.: EL622695252US Sheet 17 of 18

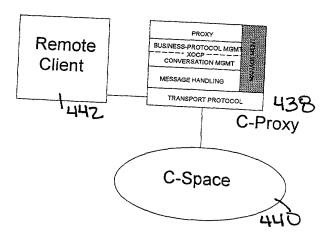
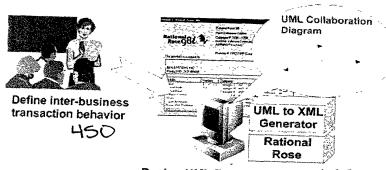


FIG. 24



Design UML Business Model 니 5건

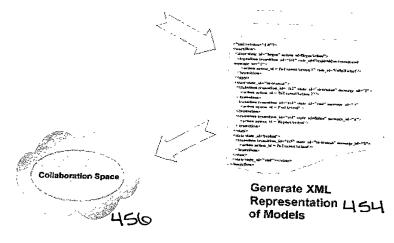


FIG. 25

Title: PLUGGABLE HUB SYSTEM FOR ENTERPRISE WIDE ELECTRONIC.. Docket No.: BEAS-01033US4 Inventor(s): Rocky Stewart, et al.

Serial No.: Unknown Confirm No: Unknown Filed: Herewith

Agent: Karl Kenna

Phone: (415) 362-3800 Express Mail No.: EL622695252US Sheet 18 of 18



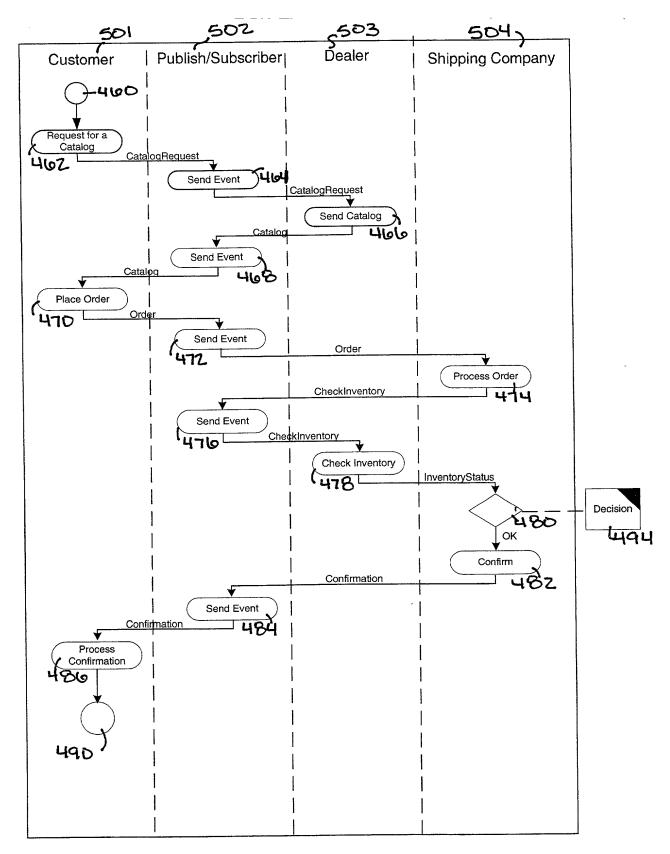


FIG. 26